

s/n: 10/629,197

date: 9-16-04

((359/813,814,819,822,823,824,811) or (396/526) or (362/455) or 3420 (353/100)).CCLS.	USPAT; US-PGPUB; IBM_TDB	9/16/04 15:41
((position with (detect\$5 or sens\$5)) same phase same (lens or 3714 optical))	USPAT; US-PGPUB; IBM_TDB	9/16/04 16:32
(((359/813,814,819,822,823,824,811) or (396/526) or (362/455) or (353/100)).CCLS.) and ((position with (detect\$5 or sens\$5)) same 23 phase same (lens or optical))	USPAT; US-PGPUB; IBM_TDB	9/16/04 16:26
(position with (detect\$5 or sens\$5)) same phase same (lens or 22 optical) same barrel	USPAT; US-PGPUB; IBM_TDB	9/16/04 16:40
(position with (detect\$5 or sens\$5)) same phase same (lens or 3714 optical)	USPAT; US-PGPUB; IBM_TDB	9/16/04 16:40
0 1 and 6	USPAT; US-PGPUB; IBM_TDB	9/16/04 16:50
108 5 and (gain with offset)	USPAT; US-PGPUB; IBM_TDB	9/16/04 16:41
4 6 and (magneto\$2restrict\$5 or MR)	USPAT; US-PGPUB; IBM_TDB	9/16/04 16:42
((359/813,814,819,822,823,824,811,696,694) or (396/526,116,127) 7582 or (362/455) or (353/100) or (324/207.11-207.26)).CCLS.	USPAT; US-PGPUB; IBM_TDB	9/16/04 16:49
3716 (324/207.11-207.26).CCLS.	USPAT; US-PGPUB; IBM_TDB	9/16/04 16:49
63 3 and 9	USPAT; US-PGPUB; IBM_TDB	9/16/04 16:50
1 6 and 11	USPAT; US-PGPUB; IBM_TDB	9/16/04 16:50
40 11 not 2	USPAT; US-PGPUB; IBM_TDB	9/16/04 16:50
((359/813,814,819,822,823,824,811,696,694) or (396/526,116,127) 7093 or (362/455) or (353/100) or (324/207.11-207.26)).CCLS.	USPAT; US-PGPUB; IBM_TDB	9/16/04 16:49
(((359/813,814,819,822,823,824,811) or (396/526) or (362/455) or (353/100)).CCLS.) and ((position with (detect\$5 or sens\$5)) same 22 phase same (lens or optical))	USPAT; US-PGPUB; IBM_TDB	9/16/04 16:24
(((359/813,814,819,822,823,824,811) or (396/526) or (362/455) or 3213 (353/100)).CCLS.	USPAT; US-PGPUB; IBM_TDB	9/16/04 15:41
((magnet\$3resist\$5 or MR) same ((position with (detect\$5 or 4 sens\$5)) same phase same (lens or optical))) and auto\$2focus (magnet\$3resist\$5 or MR) same ((position with (detect\$5 or 22 sens\$5)) same phase same (lens or optical))	USPAT; US-PGPUB; IBM_TDB	1/21/04 11:28
1 morimoto-yosuke\$8.in.	USPAT; US-PGPUB; IBM_TDB	1/21/04 11:27
4 5208535.URPN.	USPAT; US-PGPUB; IBM_TDB	1/21/04 10:30
((((359/813,814,819,822,823,824,811,696,694) or (396/526,116,127) or (362/455) or (353/100) or (324/207.11- 207.26)).CCLS.) and (position same (detect\$5 or sens\$5) same 14 phase)) and lens) and magnet\$3resist\$5	USPAT	1/20/04 14:27
45592 magnet\$3resist\$5 or MR	USPAT; US-PGPUB; IBM_TDB	1/20/04 14:27
3 6097183.URPN.	USPAT	1/20/04 13:19
("4221056" "4462083" "4481464" "4987414" "5184062" "5192917" "5353019" "5414516" "5432443" "5453684"	USPAT	1/20/04 13:15
13 "5485407" "5535142" "5625310").PN.	USPAT	1/20/04 13:14
2 5909115.URPN.	USPAT	1/20/04 13:12
0 5770942.URPN.	USPAT	1/20/04 13:09
11 5453684.URPN.	USPAT; US-PGPUB; IBM_TDB	1/20/04 13:04
3521 (position with (detect\$5 or sens\$5)) and magnet\$3resist\$5 (((359/813,814,819,822,823,824,811,696,694) or (396/526,116,127) or (362/455) or (353/100) or (324/207.11- 207.26)).CCLS.) and (position same (detect\$5 or sens\$5) same 611 phase)	USPAT; US-PGPUB; IBM_TDB	1/20/04 13:04

	((((359/813,814,819,822,823,824,811,696,694) or (396/526,116,127) or (362/455) or (353/100) or (324/207.11- 207.26)).CCLS.) and (position same (detect\$5 or sens\$5) same 83 phase)) and lens	USPAT; US-PGPUB; IBM_TDB	1/20/04 13:04
33033	position same (detect\$5 or sens\$5) same phase (((359/813,814,819,822,823,824,811,696,694) or (396/526,116,127)	USPAT; US-PGPUB; IBM_TDB	1/20/04 13:03
3634	or (362/455) or (353/100)).CCLS. (((359/813,814,819,822,823,824,811,696,694) or (396/526,116,127) or (362/455) or (353/100)).CCLS.) and ((position	USPAT; US-PGPUB; IBM_TDB	1/20/04 13:02
14	with (detect\$5 or sens\$5)) and magnet\$3resist\$5 1 morimoto-yosuke\$8.in.	USPAT; US-PGPUB; IBM_TDB	1/20/04 12:56
317254	position with (detect\$5 or sens\$5) 3 ("5291335" "5909320" "6002530").PN.	USPAT; US-PGPUB; IBM_TDB	1/20/04 12:54
	5 5291335.URPN. ((lens adj position\$5) same phase same (detect\$5 or sens\$5)) and (((359/813,814,819,822,823,824,811,696,694) or	USPAT	1/20/04 12:54
	5 (396/526,116,127) or (362/455) or (353/100)).CCLS.)	USPAT	1/20/04 12:49
13738	lens adj position\$5 169 (lens adj position\$5) same phase same (detect\$5 or sens\$5)	USPAT; US-PGPUB; IBM_TDB	1/20/04 12:46
	15 4534624.URPN.	USPAT; US-PGPUB; IBM_TDB	1/20/04 12:45
	10 3917394.URPN.	USPAT; US-PGPUB; IBM_TDB	1/20/04 12:45
2959	(position with (detect\$5 or sens\$5)) same phase same optical (position with (detect\$5 or sens\$5)) same phase same (lens or	USPAT	1/20/04 12:36
3391	optical)	USPAT; US-PGPUB; IBM_TDB	1/20/04 11:44
21057	(position with (detect\$5 or sens\$5)) same phase	USPAT; US-PGPUB; IBM_TDB	1/20/04 11:43
		USPAT; US-PGPUB; IBM_TDB	1/20/04 11:43
		USPAT; US-PGPUB; IBM_TDB	1/20/04 11:42